



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Frattini et al.	Confirmation No.:	4759
Serial No.:	10/014,619	Art Unit:	3641
Filed:	December 10, 2001	Examiner:	Palabrica, Ricardo J.
For:	Apparatus and Method for Ultrasonically Cleaning Irradiated Nuclear Fuel Assemblies	Attorney Docket No:	060825-0306 US (formerly 009842- 0306-999)

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

**RECEIVED**  
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**GROUP 3600**

ELECTRIC POWER RESEARCH INSTITUTE, INC., owner of the entire right, title and interest in, to and under the invention described and claimed in the above-identified patent application hereby revokes all previous powers of attorney and appoints Morgan, Lewis & Bockius LLP, customer no. 24341, and each of them, its attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Morgan, Lewis & Bockius LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Electric Power Research Institute, Inc. states under 37 C.F.R. 3.73(b) that it is the assignee of the entire right, title and interest in the patent application/patent identified above by virtue of an assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office on October 10, 2000 at Reel 011227, Frame 0001, for which a copy thereof is attached.

Please direct all future correspondence to Customer Number 24341, Morgan, Lewis & Bockius LLP, and direct all telephone calls to Morgan, Lewis & Bockius LLP at (650) 493-4935.

Assignee: Electric Power Research Institute, Inc.

Date: April 1, 2004

Signature:



Typed Name: Carole Druhan-Larsen

Position/Title: Associate General Counsel  
Intellectual Property

Address: 3412 Hillview Avenue  
Palo Alto, CA 94304



Express Mail No.: EV 371 772 893 US

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TRANSMITTAL OF POWER OF ATTORNEY BY ASSIGNEE  
REVOKING PREVIOUS POWERS OF RECORD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants' attorney encloses herewith a Revocation and Power of Attorney by Assignee with Certification Under 3.73(b) for the above identified application.

Please change the attorney docket number to 060825-0306 US. Future correspondence should be forwarded to customer no. **24341**.

The Commissioner is authorized to charge any fees associated with this communication to Morgan, Lewis & Bockius LLP deposit account no. 50-0310 (order no. 060825-0306 US). A copy of this sheet is enclosed for such purpose.

Date: April 9, 2004

Respectfully submitted,

David R. Owens

**MORGAN, LEWIS & BOCKIUS** LLP  
2 Palo Alto Square  
3000 El Camino Real, Suite 900  
Palo Alto, California 94306  
(650) 493-4935

40,756  
(Reg. No.)



JANUARY 12, 2001



PTAS

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231



\*101516632A\*

9842-232

PENNIE & EDMONDS LLP  
WILLIAM S. GALLIANI  
3300 HILLVIEW AVENUE  
PALO ALTO, CA 94304

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/10/2000

REEL/FRAME: 011227/0001  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FRATTINI, PAUL L. ✓

DOC DATE: 10/03/2000

ASSIGNOR:

VARRIN, ROBERT DOUGLAS ✓

DOC DATE: 09/28/2000

ASSIGNOR:

HUNT, EDWIN STEPHEN ✓

DOC DATE: 09/27/2000

ASSIGNEE:

ELECTRIC POWER RESEARCH INSTITUTE,  
INC.

3412 HILLVIEW AVENUE  
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09545354 ✓  
PATENT NUMBER:

FILING DATE: 04/07/2000 ✓  
ISSUE DATE:

JAN 1 2000  
DPO-259  
A OFFIC

011227/0001 PAGE 2

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MRD

APR 09 2004

11-15-2000

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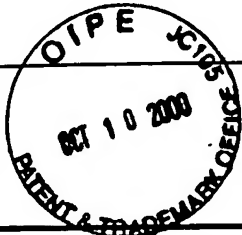


RECORD

PATENTS ONLY

101516632

et Number 9842-232-999



TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

Box Assignment  
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

PAUL L. FRATTINI  
ROBERT DOUGLAS VARRIN  
EDWIN STEPHEN HUNT

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Electric Power Research Institute, Inc.

Address: 3412 Hillview Avenue  
Palo Alto, CA 94303

Country (if other than USA): \_\_\_\_\_

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 10/3/00; 9/28/00 and 9/27/00

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/545,354

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

William S. Galliani  
PENNIE & EDMONDS LLP  
3300 Hillview Avenue  
Palo Alto, CA 94304

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00  
Please charge to the deposit account listed in Section 8.

8. Deposit account number:  
16-1150 (order no. 9842-232-999)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

William S. Galliani 33,885

Name of Person Signing Reg. No.

Signature

October 10, 2000

Date

11/13/2000 AMWED1 00000028 161150 09545354

Total number of pages including cover sheet:

3

01 Fcr381 40.00 CH

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignment  
Washington, D.C. 20231

# ASSIGNMENT

WHEREAS WE, <sup>Douglas RDV</sup> (1) Paul L. Frattini of Los Altos, California; (2) Robert Stephen Varrin of Reston, Virginia; and (3) Edwin Stephen Hunt of Arlington, Virginia have invented certain new and useful improvements in an Apparatus and Method for Ultrasonically Cleaning Irradiated Nuclear Fuel Assemblies, for which invention we have executed an application for Letters Patent of the United States and which application may be identified in the United States Patent and Trademark Office as Serial No. 09/545,354, filed April 7, 2000; and

Whereas, the Electric Power Research Institute, Inc., a corporation District of Columbia, having its principal place of business at 3412 Hillview Avenue, Palo Alto, CA 94304 (hereinafter referred to as assignee), is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefore;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold assigned, and set over and by these presents do hereby sell, assign, and set over unto said assignee and said assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee this

- (1) 3rd day of October, 2000
- (2)      day of                     , 2000
- (3)      day of                     , 2000

(1) *Paul L. Frattini*  
Paul L. Frattini

County of Santa Clara

,)  
) ss.

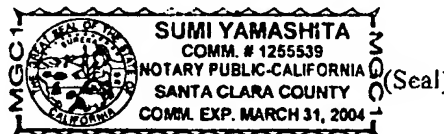
State of California

,)

On this 3rd day of October, in the year 2000, before me, Sumi Yamashita, Notary Public of the State of California, personally appeared (1) Paul L. Frattini, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Sumi Yamashita*



(2) *Robert Stephen Varrin*  
Robert Stephen Varrin  
Douglas *ev*

County of

,)  
) ss.

State of

,)

On this 28 day of September, in the year 2000, before me, *Sharon F. Maxwell*, Notary Public of the State of *Ca.*, personally appeared (2) Robert Stephen Varrin, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Sharon F. Maxwell*

(Seal)

(3) *Edwin Stephen Hunt*  
Edwin Stephen Hunt

County of

,)  
) ss.

State of

,)

On this 27th day of September, in the year 2000, before me, *Sharon F. Maxwell*, Notary Public of the State of *Ca.*, personally appeared (3) Edwin Stephen Hunt, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *S. H.* *S. H.*

*Sharon F. Maxwell* (Seal)